

Dissolved oxygen (D.O.) by Azide Modification
SM 18th 4500-O C

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Facility Name: _____ VELAP ID: _____

Assessor Name: _____ Analyst Name: _____ Inspection Date: _____

Relevant Aspect of Standards**Method
Reference****Y****N****N/A****Comments***Records Examined:* SOP Number/ Revision/ Date _____ Analyst: _____

Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____

Was the Sodium Thiosulfate Titrant standardized
against Potassium Bi-Iodate Solution?

4500-O C 2.f

Were Manganous Sulfate solution and Alkali-Iodide-
Azide reagent added to samples?

4500-O C 3.a

Were samples next mixed and precipitate allowed
to settle?

4500-O C 3.a

Was concentrated Sulfuric Acid then added to
samples followed by mixing?

4500-O C 3.a

Were samples titrated with Sodium Thiosulfate to a
pale straw color?

4500-O C 3.a

Were a few drops of starch solution added and
titration continued until disappearance of blue
color?

4500-O C 3.b

Were dissolved oxygen concentrations calculated
after correcting for the volumes of Manganous
Sulfate and Alkali-Iodide-Azide reagents added?

4500-O C 3.a

Was the Table-O:I used when expressing results as
percent saturation?

4500-O C 4.b

Notes/ Comments: